

SUBURBAN ECO SERIES



FUNCTIONAL (CATEGORY P)

With an ever increasing focus on climate change and global warming the Suburban Eco Series is the cost efficient environmentally friendly solution for street lighting. Utilising the highly efficient 26, 32 & 42W compact fluorescent lamps enables the most appropriate wattage to be selected for every application, minimising greenhouse gas emissions as well as providing savings in energy costs.

The high performance optical system has been optimised for street lighting requirements and incorporates a house-side reflector which dramatically reduces the obtrusive lighting behind the luminaire. A universal lamp holder and multiwatt electronic ballast enable the one luminaire to operate 26, 32 & 42W compact fluorescent lamps to ensure the most energy efficient solution can be provided for every installation.

Building upon the success of the Suburban HID Series, the Suburban Eco luminaires are supported by a precision, high pressure die-cast body and acrylic visor complying with AS1158-1 Category P and AS1158.6 road lighting requirements.

Electronic control gear is housed in an IP66 die-cast aluminium cassette, which is easily replaced by toolfree removal of the top cover assembly. A lamp retention clip combined with a lamp support bracket ensure that the lamp remains secure even in the most arduous environments

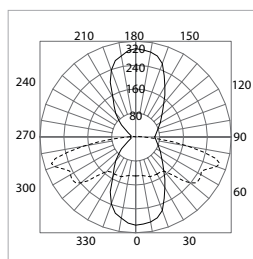
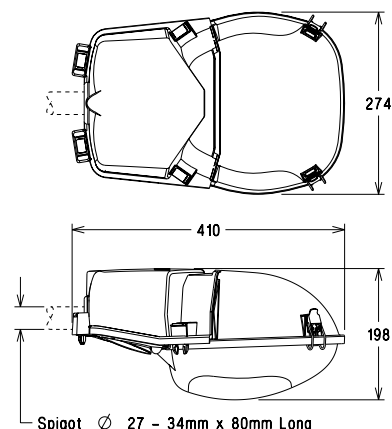
The luminaire complies with the requirements of the Australian Standards for Road Lighting AS/NZS1158.3.1 and AS/NZS1158.6.

LUMINAIRE CONSTRUCTION

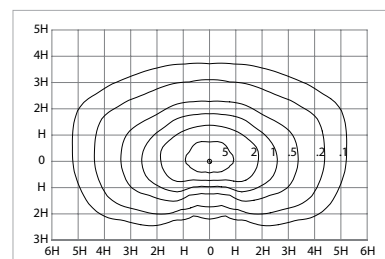
- Pressure die-cast one piece aluminium body
- Acrylic visor with silicone foam gasket
- High density polyethylene cover with captive quick release clips
- Stainless steel toggle latches and fasteners
- Side entry mounting fits 27 to 34mm O.D. pipe
- IP64 optical chamber
- IP66 control gear
- IP24 connection chamber
- Natural finish

FEATURES

- 26W, 32W & 42W Compact Fluorescent lamps
- Integral electronic control gear cassette
- Complies to AS1158-1 Category V and AS1158.6
- Options:
 - D2 type photoelectric control switch
 - Glare Shields
 - Polyester powdercoat finish in various colours



Suburban Eco 42W CF
 --- Vertical Plane Through Horizontal Angles (10-190)
 — Horizontal Cone Through Vertical Angle (62.5)
 cd/klm



Suburban Eco 42W CFL
 H = 6.5m Upcast = 5 deg

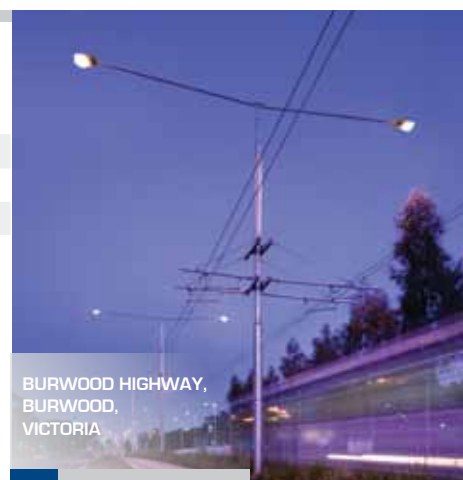
H	Multiplier
5.5	1.40
6.5	1.00
7.5	0.75

SUBURBAN ECO SERIES



Description	Type	Base	Lamp	Weight	Order Code
Suburban Eco 26W CF	Compact Fluorescent	GX24q-2	Lynx-CFTE26WLL	4.2kg	JS96100L
Suburban Eco 32W CF	Compact Fluorescent	GX24q-3	Lynx-CFTE32WLL	4.2kg	JS98100L
Suburban Eco 42W CF	Compact Fluorescent	GX24q-4	Lynx-CFTE42WLL	4.2kg	JS97100L

Note: The above codes are for standard products only. Please refer to SLA Pricelist for options.



BURWOOD HIGHWAY,
 BURWOOD,
 VICTORIA

SUBURBAN ECO SERIES

Suburban
SEEco



Tool free maintenance
IP66 replaceable Electronic
Control Gear Cassette inside



URBAN ECO SERIES



FUNCTIONAL (CATEGORY P)

Building upon the success of the Suburban Eco Series, the Urban Eco luminaires features an aeroscreen flat glass visor providing extra control or limits to upward light effects. Utilising the highly efficient 26, 32 & 42W compact fluorescent lamps enables the most appropriate wattage to be selected for every application, minimising greenhouse gas emissions as well as providing savings in energy costs.

The Urban Eco luminaires are supported by a precision, high pressure die-cast body and acrylic visor complying with AS1158-1 Category P and AS1158.6 road lighting requirements.

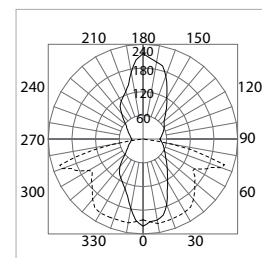
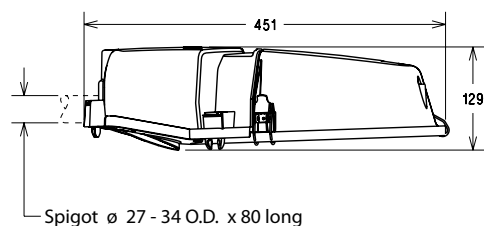
Electronic control gear is housed in an IP66 die-cast aluminium cassette, which is easily replaced by toolfree removal of the top cover assembly. A lamp retention clip combined with a lamp support bracket ensure that the lamp remains secure even in the most arduous environments.

LUMINAIRE CONSTRUCTION

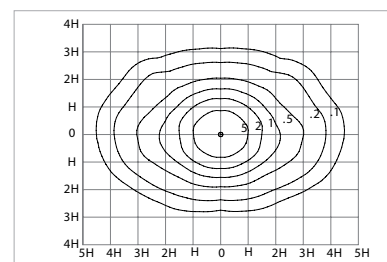
- Pressure die-cast one piece aluminium body
- IP64 optical chamber with glass visor
- IP66 control gear
- IP24 control chamber with High density polyethylene cover with captive quick release clips
- Side entry mounting fits 27 to 34mm O.D. pipe
- Stainless steel toggle latches and fasteners
- Natural finish

FEATURES

- 26W, 32W & 42W Compact Fluorescent lamps
- Integral electronic control gear cassette
- Complies to AS1158-1 Category V and AS1158.6
- Options:
 - D2 type photoelectric control switch
 - Polyester powdercoat finish in various colours



Urban Eco 42W CF
 --- Vertical Plane Through Horizontal Angles (10-190)
 --- Horizontal Cone Through Vertical Angle (62.5)
 cd/klm



Urban 42W Lynx-CFTE
 H = 6.5m Upcast = 5 deg

H	Multiplier
5.5	1.40
6.5	1.00
7.5	0.75

URBAN ECO SERIES



Description	Type	Base	Lamp	Weight	Order Code
Urban Eco 26W CF	Compact Fluorescent	GX24q-2	Lynx-CFTE26WLL	4.2kg	JA9600L
Urban Eco 32W CF	Compact Fluorescent	GX24q-3	Lynx-CFTE32WLL	4.2kg	JA9800L
Urban Eco 42W CF	Compact Fluorescent	GX24q-4	Lynx-CFTE42WLL	4.2kg	JA9700L

Note: the above codes are for standard products only. Please refer to SLA Pricelist for options.



HUME HIGHWAY,
 ALBURY,
 NEW SOUTH WALES

SUBURBAN HID SERIES



FUNCTIONAL (CATEGORY P)

Building upon the success of the Urban Series, the Suburban delivers superior optical performance, which is supported by a precision, high pressure die-cast body and optical assembly complying with AS1158-1 Category P and AS1158.6 road lighting requirements.

The high performance aluminium reflector system incorporates a house side reflector which dramatically reduces the obtrusive lighting behind the Suburban. Combined with the injection moulded acrylic visor, the Suburban produces a typical light distribution pattern for precise street lighting requirements for lamps up to 70W High Pressure Sodium and 100W Metal Halide.

The control gear is mounted direct to the body chamber or on a removable gear cassette, as required, which is easily accessed by removing the top cover assembly. The cover is 100% compatible with the Urban and is uniquely retained by four patented non corrosive, quick release retention clips, which are of course captive to the cover assembly.

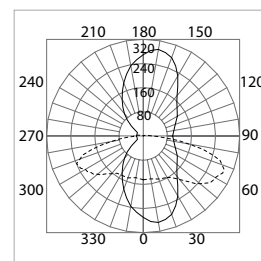
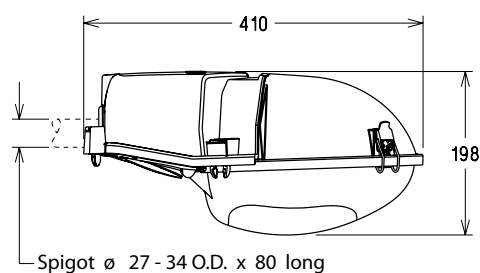
Both the lantern head and gear chamber form two discrete weatherproof compartments IP64 Optical, IP24 Gear. The visor which is sealed by a silicon gasket is retained by two secure, stainless steel toggles. Photo electric cell control is available in D2. Fixing mounting is via a 34mm O.D. spigot assembly.

LUMINAIRE CONSTRUCTION

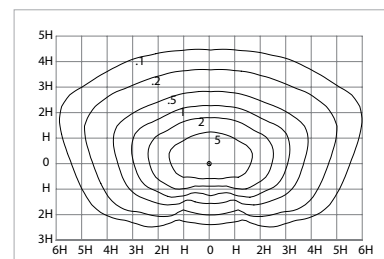
- Pressure die-cast one piece aluminium body
- IP64 optical chamber with acrylic visor
- IP24 control chamber with High density polyethylene cover with captive quick release clips
- Side entry mounting fits 27 to 34mm O.D. pipe
- Stainless steel toggle latches and fasteners
- Natural finish

FEATURES

- 35W – 100W HID lamps
- Integral 250V HPF control gear tray
- Complies to AS1158-1 Category V and AS1158.6
- Options:
 - 240V control gear
 - Glare Shields
 - Photoelectric control switch
 - Polyester powdercoat finish in various colours



Suburban HID 70W MH
 --- Vertical Plane Through Horizontal Angles (10-190)
 --- Horizontal Cone Through Vertical Angle (62.5)
 cd/klm



Suburban 70 MH
 H = 6.5m Upcast = 5 deg

H	Multiplier
5.5	1.40
6.5	1.00
7.5	0.75



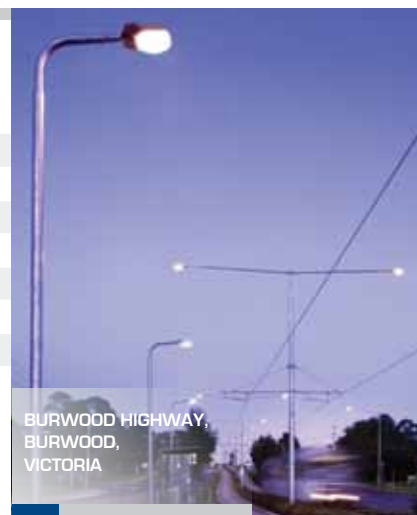
SUBURBAN HID SERIES

Description	Type	Base	Lamp	Weight	Order Code
Suburban 50W MV	Mercury Vapour	E27	HSLBW50	3.6kg	JS1000L
Suburban 80W MV	Mercury Vapour	E27	HSLBW80	3.7kg	JS1100L
Suburban 50W HPS	High Pressure Sodium	E27	SHP50/CO/I	4.0kg	JS4000L
Suburban 70W HPS	High Pressure Sodium	E27	SHP70/CO/I	4.2kg	JS4100L
Suburban 35W MH	Metal Halide	E27	MH35	3.7kg	JS2500L
Suburban 70W MA	Metal Halide	E27	M70/CO/U	4.2kg	JS2700L
Suburban 100W MA	Metal Halide	E27	M100/CO/U	4.2kg	JS1900L

Options Available:



Note: the above codes are for standard products only. Please refer to SLA Pricelist for options.



BURWOOD HIGHWAY,
 BURWOOD,
 VICTORIA



BRISBANE AIRPORT,
BRISBANE,
QUEENSLAND

URBAN HID SERIES



FUNCTIONAL (CATEGORY P)

The Urban Series delivers a superior optical performance, which is supported by a precision, high pressure die-cast body and optical assembly complying with AS1158-1 Category P and AS1158.6 road lighting requirements. The high performance aluminium reflector system, combined with the injection moulded acrylic visor, produce a typical light distribution pattern for precise street lighting requirements for lamps ranging from 26 watt compact fluorescent to 125 watt HID.

In environmentally conscious installations and where upward light is a concern, aeroscreen visors are available. Metal Halide light sources are available with igniter reactor gear.

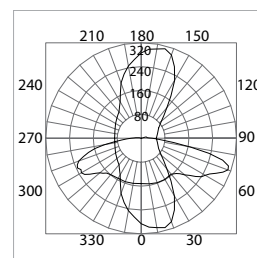
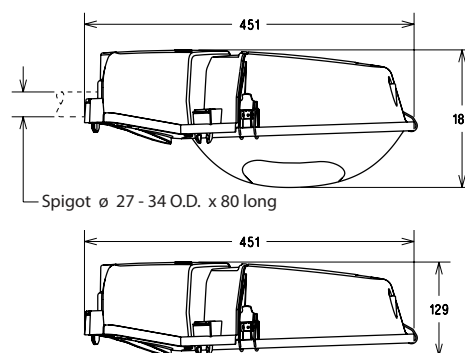
Control gear is mounted direct to the body chamber or on a removable gear cassette, as required, which is easily accessed by removing the top cover assembly. The cover assembly is uniquely retained by four patented non corrosive, quick release retention clips, which are of course captive to the cover assembly. Both the lantern head and gear chamber form two discrete weatherproof IP64, IP24 chambers. The visor which is sealed by a silicon gasket is retained by three secure, stainless steel toggles. Photo electric cell control is available in D2 or Nightwatchman. Fixing mounting is via a 34mm O.D spigot assembly.

LUMINAIRE CONSTRUCTION

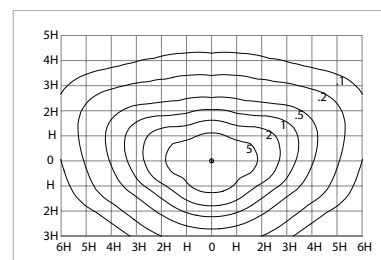
- Pressure die-cast one piece aluminium body
- IP64 optical chamber with acrylic visor
- IP24 control chamber with High density polyethylene zcover with captive quick release clips
- Side entry mounting 27 to 34mm O.D. pipe
- Stainless steel toggle latches and fasteners
- Natural finish

FEATURES

- 35W – 100W HID lamps
- Integral 250V HPF control gear tray
- Complies to AS1158-1 Category V and AS1158.6
- Options:
 - 240V control gear
 - Glare Shields
 - Aeroscreen flat glass visor
 - Photoelectric control switch
 - Polyester powdercoat finish in various colours



Urban HID 100W MH
 --- Vertical Plane Through Horizontal Angles (10-190)
 --- Horizontal Cone Through Vertical Angle (62.5)
 cd/km



Urban 100 MH
 H = 6.5m Upcast = 5 deg

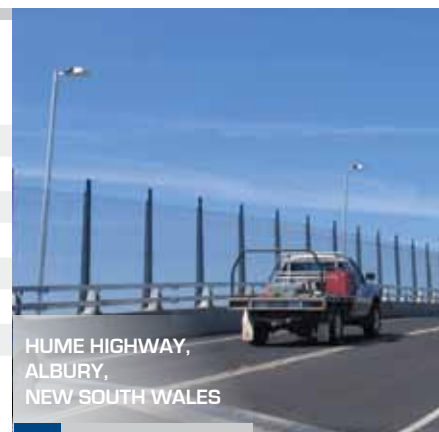
H	Multiplier
5.5	1.40
6.5	1.00
7.5	0.75

URBAN HID SERIES



Description	Type	Base	Lamp	Weight	Order Code
Urban 50W MV	Mercury Vapour	E27	HSLBW50	3.8kg	JA1000L
Urban 80W MV	Mercury Vapour	E27	HSLBW80	3.9kg	JA1100L
Urban 125W MV	Mercury Vapour	E40	HSLBW125	4.1kg	JA13100L
Urban 50W HPS	High Pressure Sodium	E27	SHP50/CO/I	4.0kg	JA4000L
Urban 70W HPS	High Pressure Sodium	E27	SHP70/CO/I	4.2kg	JA4100L
Urban 100W HPS/E	High Pressure Sodium	E40	SHP100/40	4.2kg	JA47100L
Urban 70W MA	Metal Halide	E27	M70/CO/U	4.2kg	JA2700L
Urban 100W MA	Metal Halide	E27	M100/C/U	4.2kg	JA19100L

Note: the above codes are for standard products only. Please refer to SLA Pricelist for options.



HUME HIGHWAY,
 ALBURY,
 NEW SOUTH WALES



BURWOOD HIGHWAY,
BURWOOD,
VICTORIA

ROADSTER SERIES



FUNCTIONAL [CATEGORY V]

The Roadster series is high performance utilitarian luminaire specifically designed for the Australian/New Zealand major road lighting requirements. The standard semi cutoff optical system with 100, 150, 250 or 400 watt clear sodium lamps is optimised to provide the maximum spacing complying with AS1158-1 Category V. Combined with an IP66 lamp chamber and self cleaning visor minimises light loss, due to dirt accumulation, reducing the maintenance factor resulting in a highly energy efficient luminaire.

Metal Halide 100/150/250 watt clear and coated lamps and 250 watt Mercury Vapour lamps are available combined with standard IR control gear.

For areas requiring extra lighting control or limits to upward light, an aeroscreen flat glass visor is available.

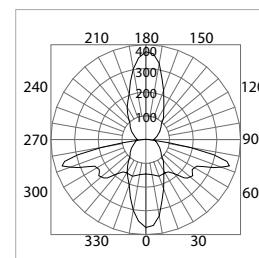
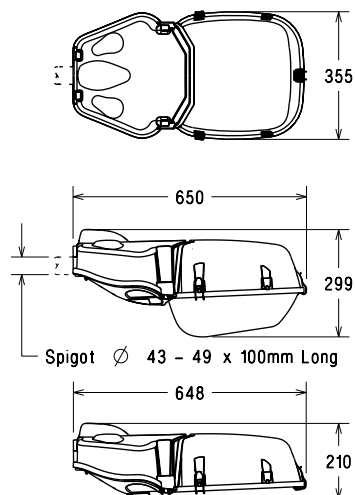
The Roadster series body is a single piece pressure die-cast aluminium providing for side entry mounting. Control gear is integral, which is serviced via the rear cover assembly and complies with AS1158.6 major road requirements.

LUMINAIRE CONSTRUCTION

- Pressure die-cast one piece aluminium body
- IP66 optical chamber with acrylic visor
- IP24 control chamber with High density polyethylene cover with captive quick release clips
- Side entry mounting 43 to 48mm O.D. pipe
- Stainless steel toggle latches and fasteners
- Natural finish

FEATURES

- 100, 150, 250 & 400W HID lamps
- Integral 250V HPF control gear tray
- Complies to AS1158-1 Category V and AS1158.6
- Options:
 - 240V control gear
 - Environ control gear (Integral 150W & 250W)
 - Aeroscreen flat glass visor
 - Photoelectric control switch
 - 60mm (50NB) mounting kit
 - Polyester powdercoat finish



Roadster 250W HPS
 --- Vertical Plane Through Horizontal Angles (10-190)
 — Horizontal Cone Through Vertical Angle (62.5)
 cd/klm

ROADSTER SERIES

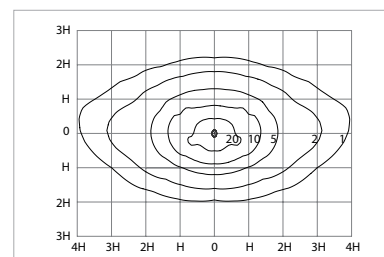


Description	Type	Base	Lamp	Weight	Order Code
Roadster 250W MV	Mercury Vapour	E39/40	HSLBW250	10.0kg	PR15100L
Roadster 100W HPS	High Pressure Sodium	E39/40	SHPT100	10.0kg	PR47100L
Roadster 150W HPS	High Pressure Sodium	E39/40	SHPT150	10.0kg	PR42100L
Roadster 200W HPS	High Pressure Sodium	E39/40	SHPT250	10.5kg	PR43100L
Roadster 400W HPS	High Pressure Sodium	E39/40	SHPT400	12.0kg	PR44100L
Roadster 150W MH	Metal Halide	E27	M150/CO/U	10.0kg	PR26100L
Roadster 250W MH	Metal Halide	E39/40	HSIT-SX250	10.5kg	PR21100L

Options Available:



Note: the above codes are for standard products only. Please refer to SLA Pricelist for options.



Roadster 250HPS
 H = 12m Upcast = 5

H	M	Multiplier
10.5	1.31	
12.0	1.00	
13.5	0.79	